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# LOWE HAUPTMAN GILMAN & BERNER, LLP

Fax Coversheet

To:	Group Art Unit: 1743	From:	Henry M. Zykorie
		Date:	January 8, 2003
Fax:	<sup>872-9310</sup> (703) 505-7719	Pages:	7 (including cover sheet)
Re:	U.S. Patent Application Serial No. 09/598,890 Title: SUPPLY ELEMENT FOR A LABORATORY MICROCHIP Inventor(s): Manfred BERNDT et al. Our Ref: 4481-022		

☐ Urgent☒ For Review☐ Please Comment☐ Please Reply

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OFFICIALPATENT

Docket No.: 4481-022

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Manfred BERNDT

Serial No. 09/598,890

Filed: June 22, 2000

Group Art Unit: 1743

Examiner: Brian Gordon

For: SUPPLY ELEMENT FOR A LABORATORY MICROCHIP

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a Supplemental Amendment in the above identified application.

- ☐ No additional fee is required.
- ☐ Small entity status of this application has been established.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☐ Also attached:

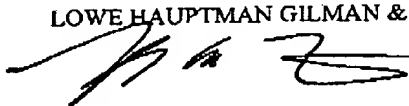
The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	39	30	9	x \$ 18 =	\$162.00
Independent Claims	4	3	1	x \$ 84 =	84.00
If multiple claims newly presented, add \$260.00					
<b>TOTAL FEE DUE</b>					<b>\$246.00</b>

- ☒ A credit card authorization form in the amount of \$246.00 is attached
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 07-1337, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

LOWE HAUPTMAN GILMAN &amp; BERNER, LLP

  
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DATE

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Manfred BERNDT

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: Group Art Unit: 1743

Filed: June 22, 2000

: Examiner: Brian Gordon

For: SUPPLY ELEMENT FOR A LABORATORY MICROCHIP

SECOND SUPPLEMENTAL AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Supplementing the Amendment of October 23, 2002, and in view of the January 7, 2003 telephone interview with the Examiner, the following additional amendments and remarks are submitted.

IN THE CLAIMS:

Please add the following new claims:

--47. A supply element combined with a laboratory microchip, the combination comprising:

a microfluid structure disposed within the microchip and adapted for at least one of

chemical, physical, or biological processing;

a first supplier disposed within the microchip and adapted to supply substances to the microchip;

a second supplier disposed within the microchip and adapted to supply a potential to the microchip to move substances corresponding to the microfluid structure; and

at least one substance-containing third supplier disposed within the supply element and adapted to contain a substance, said at least one third supplier having a seal arranged to be opened to the microchip in response to the supply element and the microchip being joined together to enable said substance to be transferred from said at least one third supplier to the first supplier of the microchip.

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